

## § 550.211

## 30 CFR Ch. V (7–1–13 Edition)

BOEM for inspection and possible retention upon request at any time before lease or unit termination. When applicable, BOEM will protect and disclose such submitted data and information in accordance with § 550.197(b).

### CONTENTS OF EXPLORATION PLANS (EP)

#### § 550.211 What must the EP include?

Your EP must include the following:

(a) *Description, objectives, and schedule.* A description, discussion of the objectives, and tentative schedule (from start to completion) of the exploration activities that you propose to undertake. Examples of exploration activities include exploration drilling, well test flaring, installing a well protection structure, and temporary well abandonment.

(b) *Location.* A map showing the surface location and water depth of each proposed well and the locations of all associated drilling unit anchors.

(c) *Drilling unit.* A description of the drilling unit and associated equipment you will use to conduct your proposed exploration activities, including a brief description of its important safety and pollution prevention features, and a table indicating the type and the estimated maximum quantity of fuels, oil, and lubricants that will be stored on the facility (see definition of “facility” under § 550.105(3)).

(d) *Service fee.* You must include payment of the service fee listed in § 550.125.

#### § 550.212 What information must accompany the EP?

The following information must accompany your EP:

(a) General information required by § 550.213;

(b) Geological and geophysical (G&G) information required by § 550.214;

(c) Hydrogen sulfide information required by § 550.215;

(d) Biological, physical, and socioeconomic information required by § 550.216;

(e) Solid and liquid wastes and discharges information and cooling water intake information required by § 550.217;

(f) Air emissions information required by § 550.218;

(g) Oil and hazardous substance spills information required by § 550.219;

(h) Alaska planning information required by § 550.220;

(i) Environmental monitoring information required by § 550.221;

(j) Lease stipulations information required by § 550.222;

(k) Mitigation measures information required by § 550.223;

(l) Support vessels and aircraft information required by § 550.224;

(m) Onshore support facilities information required by § 550.225;

(n) Coastal zone management information required by § 550.226;

(o) Environmental impact analysis information required by § 550.227; and

(p) Administrative information required by § 550.228.

#### § 550.213 What general information must accompany the EP?

The following general information must accompany your EP:

(a) *Applications and permits.* A listing, including filing or approval status, of the Federal, State, and local application approvals or permits you must obtain to conduct your proposed exploration activities.

(b) *Drilling fluids.* A table showing the projected amount, discharge rate, and chemical constituents for each type (*i.e.*, water-based, oil-based, synthetic-based) of drilling fluid you plan to use to drill your proposed exploration wells.

(c) *Chemical products.* A table showing the name and brief description, quantities to be stored, storage method, and rates of usage of the chemical products you will use to conduct your proposed exploration activities. List only those chemical products you will store or use in quantities greater than the amounts defined as Reportable Quantities in 40 CFR part 302, or amounts specified by the Regional Supervisor.

(d) *New or unusual technology.* A description and discussion of any new or unusual technology (see definition under § 550.200) you will use to carry out your proposed exploration activities. In the public information copies of your EP, you may exclude any proprietary information from this description. In that case, include a brief discussion of the general subject matter

of the omitted information. If you will not use any new or unusual technology to carry out your proposed exploration activities, include a statement so indicating.

(e) *Bonds, oil spill financial responsibility, and well control statements.* Statements attesting that:

(1) The activities and facilities proposed in your EP are or will be covered by an appropriate bond under 30 CFR part 556, subpart I;

(2) You have demonstrated or will demonstrate oil spill financial responsibility for facilities proposed in your EP according to 30 CFR part 553; and

(3) You have or will have the financial capability to drill a relief well and conduct other emergency well control operations.

(f) *Suspensions of operations.* A brief discussion of any suspensions of operations that you anticipate may be necessary in the course of conducting your activities under the EP.

(g) *Blowout scenario.* A scenario for the potential blowout of the proposed well in your EP that you expect will have the highest volume of liquid hydrocarbons. Include the estimated flow rate, total volume, and maximum duration of the potential blowout. Also, discuss the potential for the well to bridge over, the likelihood for surface intervention to stop the blowout, the availability of a rig to drill a relief well, and rig package constraints. Estimate the time it would take to drill a relief well.

(h) *Contact.* The name, address (e-mail address, if available), and telephone number of the person with whom the Regional Supervisor and any affected State(s) can communicate about your EP.

**§550.214 What geological and geophysical (G&G) information must accompany the EP?**

The following G&G information must accompany your EP:

(a) *Geological description.* A geological description of the prospect(s).

(b) *Structure contour maps.* Current structure contour maps (depth-based, expressed in feet subsea) drawn on the top of each prospective hydrocarbon-bearing reservoir showing the locations of proposed wells.

(c) *Two-dimensional (2-D) or three-dimensional (3-D) seismic lines.* Copies of migrated and annotated 2-D or 3-D seismic lines (with depth scale) intersecting at or near your proposed well locations. You are not required to conduct both 2-D and 3-D seismic surveys if you choose to conduct only one type of survey. If you have conducted both types of surveys, the Regional Supervisor may instruct you to submit the results of both surveys. You must interpret and display this information. Because of its volume, provide this information as an enclosure to only one proprietary copy of your EP.

(d) *Geological cross-sections.* Interpreted geological cross-sections showing the location and depth of each proposed well.

(e) *Shallow hazards report.* A shallow hazards report based on information obtained from a high-resolution geophysical survey, or a reference to such report if you have already submitted it to the Regional Supervisor.

(f) *Shallow hazards assessment.* For each proposed well, an assessment of any seafloor and subsurface geological and manmade features and conditions that may adversely affect your proposed drilling operations.

(g) *High-resolution seismic lines.* A copy of the high-resolution survey line closest to each of your proposed well locations. Because of its volume, provide this information as an enclosure to only one proprietary copy of your EP. You are not required to provide this information if the surface location of your proposed well has been approved in a previously submitted EP, DPP, or DOCD.

(h) *Stratigraphic column.* A generalized biostratigraphic/lithostratigraphic column from the surface to the total depth of the prospect.

(i) *Time-versus-depth chart.* A seismic travel time-versus-depth chart based on the appropriate velocity analysis in the area of interpretation and specifying the geodetic datum.

(j) *Geochemical information.* A copy of any geochemical reports you used or generated.